## Index of Claims

| pplication/Control | No. |
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Applicant(s)/Patent under Reexamination

10/814,369 Examiner CHEN ET AL.

Rejected

- (Through numeral)
- Cancelled
- Restricted

N Non-Elected

I Interference

/Yonel Beaulieu/

A Appeal
O Objected

Art Unit

3661

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| 112  |          |          |          |          |          |               |          |               |          |          |          | l |          |          |          |   |               |          |          |          | $\perp$       | $\perp$ | _        |          |          | $\perp$  |               | $\perp$  |               | $\perp$      | $\perp$  |         | $\perp$ |           |
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| 15   | _        |          | ⊢        | ш        | _        | -             | ⊢        | ⊢             | ⊢        | $\vdash$ | ⊢        | ł | ш        |          | ⊢        | Н | Ш             | _        | _        | _        | _             | +       | 4        | $\vdash$ |          | _        | 4             | 4        | 4             | +            | _        | +       | +       | 4         |
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| 19   | _        |          | ⊢        | Н        | -        | ⊢             | $\vdash$ | ⊢             | $\vdash$ | Н        | ⊢        | 1 | $\vdash$ |          | ⊢        | Н | $\vdash$      | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | -        | $\vdash$ |          | $\dashv$ | +             | +        | +             | +            | +        | +       | +       | +         |
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| 11   22  | 10       |          | -        | Н        | Н        | $\vdash$      | $\vdash$ | $\vdash$      | $\vdash$ | Н        | ⊢        | 1 |          |          | ⊢        | Н | Н             | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | ┨        | $\vdash$ |          | $\dashv$ | +             | $\dashv$ | +             | +            | +        | +       | +       | -         |
| 12   23   c  |          |          |          | Н        | Н        | Н             | $\vdash$ | Н             | $\vdash$ | Н        | Н        | 1 | -        |          | $\vdash$ | Н | $\vdash$      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | $\dashv$ | $\vdash$ |          | $\dashv$ | +             | +        | +             | +            | +        | +       | +       | Η.        |
| 13   24  |          |          |          | Н        | Н        | Н             | $\vdash$ | Н             | $\vdash$ | Н        | Н        | 1 |          |          | Н        | Н |               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | ┨        | $\vdash$ |          | $\dashv$ | +             | +        | +             | +            | +        | +       | +       | Η.        |
| 14   25  |          |          |          |          |          | $\vdash$      |          | $\vdash$      |          | Н        | Н        | 1 |          |          | $\vdash$ | Н |               | $\neg$   | $\neg$   | $\neg$   | $\dashv$      | $^{+}$  | 1        | $\vdash$ |          | $\dashv$ | _             | $\dashv$ | $^{+}$        | +            | $^{+}$   | $^{+}$  | $^{+}$  | 1         |
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| 28   |          |          | =        |          |          |               | T        |               | T        | Т        | Т        | 1 |          |          | Н        | Н |               | $\neg$   | $\neg$   |          | ┪             | $\top$  | ┪        |          |          | $\neg$   | $\neg$        | 7        | $\top$        | $\top$       | _        | $\top$  | $\top$  | ٦.        |
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| 30   |          | 28       | П        |          |          |               |          | П             |          | П        | П        | 1 |          | 78       |          | П |               | $\neg$   |          |          | $\neg$        | $\neg$  | ٦        |          | 128      | T        | $\neg$        | T        | $\neg$        | Т            | 7        | $\neg$  | T       | ٦         |
| 31   |          |          |          |          |          |               |          |               |          |          |          | ] |          |          |          |   |               | $\Box$   |          |          | $\Box$        | Т       |          |          |          |          | $\Box$        | $\Box$   | Т             | Т            | $\Box$   | Т       | $\Box$  | ⊐         |
| 32         82         132         132           33         83         133         134           34         84         134         134           35         85         136         136           36         86         136         136           37         87         137         137           38         88         138         138           39         89         139         140           40         90         140         140           41         91         141         141           42         92         142         142           43         93         143         144           44         94         144         144           45         95         145         146           46         96         146         146           47         97         147         147           48         99         148         148           17         49         99         149   |          |          |          |          |          |               |          |               |          |          |          | ] |          |          |          |   |               |          |          |          |               |         |          |          |          |          | $\Box$        |          | $\Box$        |              |          |         |         | ┒         |
| 33   |          |          |          |          |          |               |          |               |          |          |          | ] |          |          |          |   |               | $\Box$   |          |          | $\perp$       | $\perp$ | ┚        |          |          | $\Box$   |               | $\perp$  |               | $\perp$      | $\perp$  | $\perp$ | $\perp$ | $\Box$    |
| 34   |          |          | L        | ш        | Ľ        | L             | L        | L             | L        | $\perp$  | Ľ        | Į |          |          | _        | Ш | $\Box$        | _        | _        | _        | _             | 4       | 4        | $\vdash$ |          | _        | _             | 4        | -             | 1            | 4        | 4       | 4       | Ц         |
| 35   |          |          | ╙        | ш        | _        | ╙             | ╙        | ╙             | _        | ╙        | _        | 1 | $\vdash$ |          | <u> </u> | Ш | $\perp$       | _        | _        | _        | 4             | 4       | 4        | $\vdash$ |          | 4        | 4             | 4        | 4             | 4            | _        | 4       | 4       | 4         |
| 36   |          |          | 1        | $\vdash$ | L        | ⊢             | ⊢        | ⊢             | ⊢        | ⊢        | <u> </u> | 1 | $\vdash$ |          | <b> </b> | Ш | $\perp$       | _        | _        | _        | _             | 4       | 4        | <u></u>  |          | _        | 4             | 4        | 4             | 4            | _        | 4       | 4       | 4         |
| 37   | _        |          | ⊢        | Н        | _        | ⊢             | ⊢        | ⊢             | ⊢        | $\vdash$ | ⊢        | ł | $\vdash$ |          | ⊢        | Н | $\vdash$      | -        | -        | _        | -             | +       | 4        | $\vdash$ |          | -        | $\rightarrow$ | 4        | +             | +            | _        | -       | +       | 4         |
| 38   | _        |          | ⊢        | Н        | -        | ⊢             | $\vdash$ | ⊢             | $\vdash$ | $\vdash$ | ⊢        | 1 | $\vdash$ |          | ⊢        | Н | $\vdash$      | -        | -        | $\dashv$ | $\rightarrow$ | +       | 4        | $\vdash$ |          | -        | $\rightarrow$ | +        | +             | +            | +        | -       | +       | 4         |
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| 40   | _        |          | -        | Н        | -        | -             | +-       | $\vdash$      | $\vdash$ | -        | -        | ł | $\vdash$ |          | -        | Н | -             | -        | -        | $\dashv$ | +             | +       | $\dashv$ | $\vdash$ |          | -        | +             | +        | +             | +            | +        | -       | +       | +         |
| 41   |          |          | $\vdash$ | Н        | H        | Н             | +        | Н             | $\vdash$ | Н        | ⊢        | ł | $\vdash$ |          | -        | Н | Н             | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | -        | -        |          | $\dashv$ | +             | +        | +             | +            | +        | +       | +       | Ⅎ         |
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| 43   | -        |          | +-       | Н        | H        | -             | +-       | ┼-            | ╁╴       | ⊢        | 1-       | ł | $\vdash$ |          | -        | H | Н             | -1       | -1       | $\dashv$ | +             | +       | $\dashv$ | $\vdash$ |          | -+       | +             | -+       | +             | +            | +        | +       | +       | +         |
| 44   94   144   145   145   145   145   145   145   145   145   145   147   147   147   148      |          |          | -        | Н        | Н        | Н             | t        | -             | H        | Н        | H        | 1 | $\vdash$ |          | Н        | Н | Н             | -        | -        | $\dashv$ | +             | +       | ┨        | $\vdash$ |          | +        | +             | +        | +             | +            | +        | +       | +       | ┨         |
| 45   95   145   146   97   147   97   147   148   17   49   =   99   149   1   |          |          | $\vdash$ | Н        | Н        |               | t        | 1             | t        | Н        | т        | 1 | $\vdash$ |          | -        | Н | Н             | $\dashv$ | _        | $\dashv$ | +             | +       | ┪        | $\vdash$ |          | $\dashv$ | +             | +        | +             | +            | $^{+}$   | +       | $^{+}$  | $\exists$ |
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| 48   |          |          |          |          |          |               |          |               |          |          |          | 1 |          |          |          |   |               |          |          |          | 1             | $\top$  | 1        |          |          | $\neg$   | 1             | 7        | $\top$        | +            | 1        | $\top$  |         | ┪         |
| 17 49 = 99 149   |          |          |          |          | Т        |               |          |               |          | г        |          | 1 |          |          |          | П |               | $\neg$   | $\neg$   |          | _             | $\top$  | 1        |          |          | $\dashv$ | 1             | _        | $\top$        | $^{\dagger}$ | T        | $\top$  | 1       | 7         |
|  | 17       | 49       | =        |          |          |               |          |               |          | Г        |          | 1 |          | 99       |          | П |               | $\neg$   | $\neg$   | $\neg$   | $\neg$        | $\top$  | 7        |          |          | $\neg$   | $\neg$        | $\neg$   | $\neg$        | $^{\dagger}$ | T        | $\top$  | $\top$  | ٦         |
|  | 18       | 50       | =        |          |          |               |          |               |          |          |          | 1 |          | 100      |          |   |               |          |          |          | J             | I       | _        |          |          |          | J             | J        | $\exists$     | I            |          |         |         | I         |